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Abstract

The carbon brushes (5) disposed in the holder (6) are
5 pressed by means of spring force (7) in the radial direction
against the jacket face of a cylindrical collector (4) that
is fixed to the armature shaft (2) of the motor.

The holder (6) for the carbon brushes (5) can be
10 removed from the motor with little effort as a result of the
provision that means (11, 12), which cover the pivot bearing
(3) of the armature shaft (2) to protect it against the entry
of dirt, are provided, on their side toward the holder (6)
with the carbon brushes (5), with one or more chamfers (14,
15) 15) extending such that as the holder (6) is being pulled off
the carbon brushes (5) slide over them and in the process are
thrust radially outward counter to the spring force (7).

(Fig. 1)